**MY PROFESSION**

Saint Petersburg National Research University of Information Technologies Mechanics and Optics is the unique educational establishment in the country training engineers of more than twenty specializations in the fields of optics, programming, communication and instrument making.

Since its foundation in 1930 thousands of highly qualified engineers with broad theoretical training combined with practical experience have graduated from the University.

Lots of graduates have become well-known scientists and made great contribution to science. Some of them have been appointed members of the faculties, heads of the departments and managers of the laboratories responsible for research academic work.

The research covers a wide range of problems including the design of digital computers, programming, automation, Net protection, Investigation of metal mirrors with glass coatings, fiber optics and precision and reliability of instruments.

Carrying out new developments the University cooperates with numerous research institutes and educational establishments not only in this country but throughout the world. That's why students are given an opportunity to master foreign languages and become translators of technical literature. They also try to polish their conversational skills as English has become one of the most popular languages of international business communication.

The first and second year students study general subjects. Specialization mainly begins in the third year. Undergraduates study under the guidance of professors and associate professors. The university provides all necessary conditions for developing the students' creative activities. At their disposal there are well-equipped laboratories where they are instructed how to handle up to date installations, instruments and apparatus which will be of great help to them when they start their own professional activity. In these laboratories students make experiments, take reading from the instruments, select and arrange data, check and analyze the obtained results.

The third and fourth year students have practical training at plants, factories and research institutes of Saint Petersburg where they can apply theoretical knowledge obtained in the course of studies. In the final year students pass state exams, and present the final project the topic of which is usually connected with their future Job.

During the course students get not only professional skills but also learn how to work under pressure as a member of a team. They are taught to be Imaginative, clear-thinking, determined, hard-working and responsible. All this qualities will be of great use in their future lives.

After graduating from the university they join design offices, research Institutes, laboratories, firms or plants. The most gifted graduates may take a post-graduate course. Post graduates are provided with a scientific adviser and experimental equipment needed for their research.

As for me I think that after graduating from the university I'm going to apply for mobile or game developer. In my opinion it's very interesting, creative and fast upcoming industry. You can show yourself and implement your ideas. Many unusual solutions, new game genres and mobile apps come out every day. I believe that the important thing is to make people happy and bring joy to them. This work is tightly connected to design and graphic sphere, which I’m interested in too. Though, developer’s work is connected to many fields of activities. However, I assume some difficulties as in Russia game and mobile development only grow and widely aren’t evolved. Maybe I’ll even found my own company. It’s one more reason I see myself in development. I’ve always wanted to raise the domestic industry. In addition, it’s great opportunity to work in command, meet many new people and do what you like.

But I’m not sure if I should bind my future with development immediately after graduating. Unfortunately, I have no experience at teaching, but I would also like to try teaching new subjects at university. The reason is education course, which became outdated half or more and becomes outdated every day. This problem excites my mind and I want to introduce new subjects like mobile development, modern hardware and architectures, web programming and maintaining and others. I think it will be more useful for students than today’s program. Some labs and lectures were created 20 or 30 years old! It’s ok for Math, Physics and other fundamental subjects, but it is absolutely unacceptable for specialized ones. It would be nice to refresh some disciplines too.